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DESBOROUGH
URBAN DISTRICT COUNCIL



ANNUAL
REPORT

of the

Medical Officer of Health

For the Year 1956

Desborough Urban District Council

Chairman of the Council :

MR. E. BARLOW, J.P.

Vice-Chairman of the Council :

MR. W. MANTON.

Clerk to the Council :

MR. G. GREAVES.

Members of the Public Health Committee : 1956-57.

MESSRS. W. MANTON (Chairman), E. BARLOW, P. C. BLISSETT,
F. C. DRAPER, B. G. FOSTER, S. L. KILBORN, H. W. TAILBY.

Public Health Officers of the Local Authority :

Medical Officer of Health :—

JAMES CARROLL, M.B., B.CH., B.A.O., L.M., D.P.H.,
D.CH.

also holds the appointments of

Medical Officer of Health, Burton Latimer Urban District Council.

Medical Officer of Health, Corby Urban District Council.

Medical Officer of Health, Rothwell Urban District Council.

Medical Officer of Health, Kettering Rural District Council.

School Medical Officer.

Secretary :

MISS M. W. LANGLEY.

Surveyor and Public Health Inspector :

J. HOLDSWORTH, M.R.SAN.I., M.S.I.A., CERT. MEAT AND
FOODS, R.S.I.

Public Health Department,
75 London Road,
KETTERING.

June, 1957.

*To the Chairman and Members of the
Desborough Urban District Council.*

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present my third Annual Report on the Health and Sanitary Circumstances of the Urban District for the year 1956.

The Vital Statistics for the year under review were as follows :—
The crude birth rate 13.77 showed an increase on last year and actually means that there were 22 more live births. The crude death rate 9.72 is a decrease on last year's figure of 13.36, but shows the same fluctuation over the years. There were again no deaths under the heading of Maternal Mortality which is very satisfactory.

The Infant Mortality rate was 58.82 as compared to 21.74 last year which means that this year there were four deaths under one year of age as compared to one last year.

Section F deals with the prevalence of Infectious Diseases. Under this heading it is to be noted that there were no cases of Tuberculosis notified during the year.

Sections C, D and E of the report have been submitted by your Sanitary Surveyor.

In conclusion, I would like to take this opportunity of thanking the Chairman and Members of the Health Committee for their continued support and help, and Mr. Holdsworth for information supplied for this report and for his ever ready assistance throughout the year. I should also like to thank Mr. Greaves and staff for assistance on many matters throughout the year. I appreciate very much the assistance received from Miss Langley in compiling this report.

I have the honour to be,

Your obedient Servant,

JAMES CARROLL,
Medical Officer of Health.

SUMMARY OF VITAL STATISTICS

The following is a summary of the principal statistics for the years
1952, 1953, 1954, 1955 and 1956

	1952	1953	1954	1955	1956
Area (acres)	2,400	2,400	2,400	2,400	2,400
Population (Registrar-General's Estimate)	4,883	4,910	4,940	4,940	4,940
Number of Live Births	49	76	58	46	68
Legitimate	48	75	54	45	66
Illegitimate	1	1	4	1	2
Birth rate per 1,000 population ...	10.03	15.48	11.74	9.31	13.77
Number of Still Births	2	3	3	2	3
Legitimate	2	3	3	2	3
Illegitimate	—	—	—	—	—
Rate per 1,000 total (live and still births)	39.22	37.97	49.18	41.67	42.25
Rate per 1,000 population ...	0.41	0.61	0.61	0.40	0.61
Number of Deaths	50	50	49	66	48
Death rate per 1,000 population	10.24	10.18	9.92	13.36	9.72
Deaths from Pregnancy, Child-birth and Abortion	—	—	—	—	—
Infantile Mortality rate per 1,000 live births	Nil	26.32	—	21.74	58.82
Neonatal Mortality rate per 1,000 live births	Nil	—	—	21.74	29.42
Deaths from all forms of Tuberculosis	1	1	2	1	—
Deaths from Respiratory Tuberculosis	1	—	2	1	—
Deaths from Malignant Neoplasms	14	6	10	10	9
Deaths from Measles (all ages) ...	—	—	—	—	—
Deaths from Whooping Cough (all ages)	—	—	—	—	—
Deaths from Enteritis and Diarrhoea under two years of age	—	—	—	—	—
Deaths from Acute Poliomyelitis and Polioencephalitis ...	—	—	—	—	—

SECTION A. Statistics and Social Conditions.

Area (acres)	2,400
Registrar General's estimate of resident population	4,940
Number of inhabited houses (end of 1956)	1,684
Rateable Value	£49,243
Sum represented by Penny Rate	£170

The chief occupations of the inhabitants are as follows :—Boot and shoe manufacture, Corset manufacture, manufacture of Cardboard Boxes and Rigid Containers, Ironstone Quarrying and Farming.

Extracts from Vital Statistics for the Year :

LIVE BIRTHS					<i>Total</i>	<i>Males</i>	<i>Females</i>
Legitimate					66	29	37
Illegitimate					2	1	1
TOTALS ...					<hr/> 68 <hr/>	<hr/> 30 <hr/>	<hr/> 38 <hr/>

Birth Rate per 1,000 of the estimated population 13.77

STILL BIRTHS					<i>Total</i>	<i>Males</i>	<i>Females</i>
Legitimate					3	2	1
Illegitimate					—	—	—
TOTALS ...					<hr/> 3 <hr/>	<hr/> 2 <hr/>	<hr/> 1 <hr/>

Rate per 1,000 total (live and still) births 42.25
 England and Wales 23.0

DEATHS					<i>Total</i>	<i>Males</i>	<i>Females</i>
					48	28	20

Death rate per 1,000 of the estimated population (crude) 9.72

Death rate per 1,000 of the estimated population (corrected) 9.13

Death rate from Pregnancy, Childbirth and Abortion —

Death rate of infants under one year of age :—

All infants per 1,000 live births 58.82

Legitimate infants per 1,000 legitimate live births 60.61

Illegitimate infants per 1,000 illegitimate live births —

Death rate from Measles (all ages) —

Death rate from Whooping Cough (all ages) —

Death rate from Enteritis and Diarrhoea (under two years of age) —

Death rate from Malignant Neoplasms 1.82

Death rate from Acute Poliomyelitis and Polioencephalitis ...	—
Death rate from Diphtheria	—
Death rate from Respiratory Tuberculosis	—
Death rate from Influenza	0.20
Death rate from Pneumonia	0.40
Death rate from Typhoid and Paratyphoid Fevers	—

Maternal Mortality Rates for :—	<i>Maternal Causes Excluding Abortion</i>	<i>Due to Abortion</i>	<i>Total Maternal Mortality</i>
England and Wales per 1,000 Total (Live and Still) Births	0.46	0.10	0.56
Desborough Urban District	—	—	—

Deaths.—Comparability factor for 1956 was 0.94. The crude death rate per 1,000 population for 1956 was 9.72 which multiplied by the comparability factor of 0.94 supplied by the Registrar General, gives a corrected death rate of 9.13. This death rate of 9.13 is the rate which, it is assumed, would be arrived at if the age and sex distribution of the population of Desborough Urban District were distributed in the same proportions as that of England and Wales as a whole.

England and Wales	11.7
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Births.—The following table shows the birth rate for 1956 together with the rate for England and Wales.

LIVE BIRTH RATES, 1956

A comparability factor has been issued for 1956 by the Registrar General, which allows for the different age and sex distribution of Desborough and provides a basis for comparison with that of England and Wales as a whole.

Desborough	13.77
Desborough corrected by comparability factor 1.06	14.59
England and Wales	15.7

INFANTILE MORTALITY RATES, 1956

Infantile mortality is the number of deaths in children under one year of age per 1,000 live births. This is an indication of the environmental and social conditions of a community with special reference to housing, overcrowding and maternity and child welfare.

Desborough	58.82
England and Wales	23.8

NEONATAL MORTALITY RATES, 1956

Neonatal mortality is the number of deaths in children under four weeks of age per 1,000 live births.

Desborough	...	...	...	...	29.42
England and Wales	...	...	...	...	16.9

The causes of deaths in children under one year of age with age and sex distribution are given in the following table :—

DEATHS OF INFANTS UNDER ONE YEAR OF AGE

<i>Age</i>	<i>Sex</i>	<i>Cause of Death</i>
19 hours	F	Atelectasis. Prematurity.
1 day	F	Atelectasis. Prematurity.
7 weeks	F	Sub-dural Haemorrhage. P.M.
5 months	M	Amyotonia Congenita.

The registered causes of death were as follows :—

						<i>Males</i>	<i>Females</i>	<i>Total</i>
All causes	...	...	...	...	...	28	20	48
1. Tuberculosis, respiratory	...	...	...	...	...	—	—	—
2. Tuberculosis, other	...	...	...	...	...	—	—	—
3. Syphilitic disease	...	...	...	...	...	—	—	—
4. Diphtheria	...	...	...	...	...	—	—	—
5. Whooping Cough	...	...	...	...	...	—	—	—
6. Meningococcal infections	...	...	...	...	...	—	—	—
7. Acute poliomyelitis	...	...	...	...	...	—	—	—
8. Measles	...	...	...	...	...	—	—	—
9. Other infective and parasitic diseases	...	...	...	...	...	—	—	—
10. Malignant neoplasm stomach	...	...	...	...	...	—	—	—
11. Malignant neoplasm lung bronchus	...	...	...	...	...	2	—	2
12. Malignant neoplasm breast	...	...	...	...	...	—	1	1
13. Malignant neoplasm uterus	...	...	...	...	...	—	—	—
14. Other malignant and lymphatic neoplasms	...	...	...	...	...	3	3	6
15. Leukaemia, aleukaemia	...	...	...	...	...	—	—	—
16. Diabetes	...	...	...	...	...	—	—	—
17. Vascular lesions of nervous system	...	...	...	...	...	4	2	6
18. Coronary disease, angina	...	...	...	...	...	1	4	5
19. Hypertension with heart disease	...	...	...	...	...	1	—	1
20. Other heart disease	...	...	...	...	...	5	3	8
21. Other circulatory disease	...	...	...	...	...	2	1	3
22. Influenza	...	...	...	...	...	1	—	1
23. Pneumonia	...	...	...	...	...	1	1	2
24. Bronchitis	...	...	...	...	...	1	—	1
25. Other disease of the respiratory system	...	...	...	...	...	—	—	—
26. Ulcer and stomach duodenum	...	...	...	...	...	—	—	—
27. Gastritis, enteritis and diarrhoea	...	...	...	...	...	1	—	1
28. Nephritis and nephrosis	...	...	...	...	...	1	—	1

Registered causes of death— <i>continued</i>					<i>Males</i>	<i>Females</i>	<i>Total</i>
29.	Hyperplasia of prostate	...	...	...	—	—	—
30.	Pregnancy, childbirth, abortion	...	...	...	—	—	—
31.	Congenital malformations	...	...	...	—	—	—
32.	Other defined and ill-defined diseases	...	...	...	4	4	8
33.	Motor vehicle accidents	...	...	...	—	—	—
34.	All other accidents	...	...	...	1	1	2
35.	Suicide	...	...	...	—	—	—
36.	Homicide and operations of war	...	...	...	—	—	—

SECTION B. General Provision of Health Services.

(a) **Laboratory Facilities.**—Bacteriological examinations are carried out by the Public Health Laboratory at Northampton and by the Laboratory of the Kettering General Hospital.

(b) **Ambulance Facilities.**—The County Council is responsible for Ambulance Services. The St. John Ambulance Brigade carry out the service on behalf of the County Council for non-infectious cases.

(c) **Nursing in the Home.**—The County Council is responsible for the Home Nursing Service.

(d) **Treatment Centres and Clinics.**—A County Council Welfare Clinic is held twice a month. A Medical Officer attends one session a month.

The treatment of Tuberculosis and Venereal Diseases is carried out by the Regional Hospital Board.

DIPHTHERIA IMMUNISATION

The number of children who were immunised in 1956 is as follows :—

Under 5 years of age	...	...	...	—
5 to 15 years of age	...	...	...	—
				—
TOTAL	...	...	...	—
				—
Boosters	...	...	...	9

The number of children who had completed a full course of immunisation at any time up to 31st December, 1956 is as follows :—

Age at 31.12.56	Under 1		1	2	3	4
<i>i.e.</i> Born in Year	...	...	1956	1955	1954	1953
No. Immunised	...	...	11	33	49	57
						46
Age at 31.12.56	5—9		10—14	Total		
<i>i.e.</i> Born in Year	...	...	1947-51	1942-46	under 15	
No. Immunised	...	...	252	190	638	

WHOOPING COUGH VACCINATION

	Under 1	1—4	5—14	Total	Boosters
Whooping Cough Only ...	—	—	—	—	—
Combined Diphtheria/Pertussis	38	9	—	47	1

VACCINATION

The following table gives the number of vaccinations undertaken during the year :—

	Under 1	1—4	5—14	15 or over	Total
Primary ...	12	1	—	2	15
Re-Vaccination ...	—	—	1	4	5

POLIOMYELITIS VACCINATION

The following table gives the number of vaccinations undertaken during the year :—

Under 1	1—4	5—9	10—14	Total
—	15	12	—	27

My thanks are due to the County Medical Officer of Health for the above figures.

National Assistance Act, 1948, Section 47.—No formal action was taken during the year.

SECTION C. Sanitary Circumstances of the Area.

Report by

J. HOLDSWORTH,

M.R.SAN.I., M.S.I.A., CERT. MEAT AND FOODS, R.S.I.
SURVEYOR AND PUBLIC HEALTH INSPECTOR.

I have the honour to submit my report for the year 1956.

Water Supply.—The Mid-Northamptonshire Water Board has maintained a good supply of water both in quantity and quality throughout the year.

Bacteriological examinations of the supply were made by the Board weekly and the results were very satisfactory. The water is very hard and has no plumbo-solvent action.

The whole of the population is served by the public piped supply with the exception of four farms which are a long distance from the service mains. About one eighth of the houses and population, mostly in the old portion of the town, are served by standpipes in the yard or at the rear of the houses. The water supply to the other houses is direct.

Drainage and Sewerage.—Two further sludge beds were enlarged and under-drained and a new sludge drying area was constructed. New distributors were fitted to two filter beds so that now all the beds are working satisfactorily. I think it highly desirable that liquid pumped from the humus tanks and drainings from sludge beds be re-circulated, and hope to see this carried out in the near future.

SECTION D. Public Health and Housing Acts.

Sanitary Inspections of the Area.—During the year 187 complaints relative to dwelling houses were investigated. Informal action was taken in each case. The nuisances referred mainly to minor housing structural defects and drainage.

In addition to the foregoing, 606 complaints were received from tenants of Council Houses relating to defects. In each case appropriate action was taken.

Public Health and Housing Acts.—Works under there Acts for the purpose of rectifying defects and abating nuisances has been continued throughout the year and the following tables give details of the routine work carried out.

(1) Inspection of dwelling houses :—

1.	(a)	No. of houses inspected for defects	...	187
	(b)	Inspections made for the purpose	...	187
2.	(a)	No. of houses inspected and recorded under the Housing Consolidation Regulations	...	24
	(b)	Inspections made for the purpose	...	48
3.		No. of houses found to be in a state dangerous or injurious to health so as to be unfit for human habitation	...	24
4.		Dwelling houses (exclusive of those under preceding head) not in all respects reasonably fit for human habitation	...	—

(2) Remedy of defects during the year without service of formal notice :—

No. of defective dwellings rendered fit in consequence of informal action by the Local Authority or their Officers	198
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(3) Action under Statutory Powers :—

(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—

1.	No. of houses in respect of which notices were served requiring repairs	...	...	...	—
2.	No. of dwelling houses which were rendered fit by owners or the Local Authority after service of formal notice	...	...	...	—

(b) Proceedings under Public Acts :—

1. No. of dwellings in respect of which notices were served requiring repairs —
2. No. of dwelling houses in respect of which defects were remedied after serving notices —

(c) Proceedings under Section 11 and 13 of the Housing Act, 1936 :—

1. No. of dwelling houses in respect of which demolition orders were made —
2. No. of houses demolished in pursuance of demolition orders —
3. No. of houses closed in pursuance of an undertaking given by owners under Section 11 and still in force —

Housing.—Twelve houses were completed during the year by the Council. The total number of post-war houses completed by the Local Authority, all by local labour, at the end of the year was 194. Eight houses were completed during the year by private enterprise.

The Council had no houses and private enterprise five in course of construction at the end of the year.

Rats and Mice Destruction Act.—The house refuse tip and the sewage disposal works have been treated during the year at intervals. Both sites have been kept free of rats. Sewer manholes in the area were baited, no bait was taken. No infestation has been noted in the sewers.

Factories Act, 1937.—18 inspections of factories were made. The total number of outworkers in August 1956 was 62.

SECTION E. Inspection and Supervision of Food.

Milk and Dairies Regulations, 1949.—There are four dairies registered under the above regulations. All are kept in a satisfactory condition.

Meat.—There are three slaughterhouses in the area, from one of which a wholesale business is carried on. All are kept in a satisfactory condition.

I give below a table setting out the number of animals killed, the number inspected and the number affected with disease.

The total weight of meat or offal condemned as a result of inspection was 7 tons 19 cwt. 2 qrs. 6 lbs. ; of that 5 tons 18 cwt. 3 qrs. 5 lbs. were affected with tuberculosis.

Carcases Inspected and Condemned

	<i>Cattle excluding Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>	<i>Total</i>
Number killed (if known) ...	1373	10	29	5528	2318	9258
Number Inspected ...	1347	10	29	5255	2170	8811
<i>All diseases except T.B.</i>						
Whole carcasses condemned ...	1	1	—	—	—	2
Carcases of which some part or organ was condemned ...	145	2	—	62	59	268
Percentage of the number inspected affected with disease other than T.B. ...	10.92%	30.0%	—	1.10%	2.58%	—
<i>Tuberculosis only</i>						
Whole carcasses condemned ...	9	—	—	—	1	10
Carcases of which some part or organ was condemned ...	139	4	—	—	52	195
Percentage of the number inspected affected with Tuberculosis	10.98%	40.0%	—	—	2.44%	—

Other Foodstuffs Condemned.—80 lbs.

Fish Frying.—The three fish frying establishments were kept in a satisfactory state throughout the year.

Bakehouses.—There is only one bakehouse in the town. It has been kept in a clean condition. Up-to-date sanitary accommodation is provided together with a constant supply of hot and cold water.

Ice Cream—Heat Treatment Regulations 1947-52.—There are no licensed manufacturers of ice cream in the Urban area. All ice cream sold in the area is pre-packed. The number of registrations for the sale of ice cream is nine.

Clean Food Campaign.—Notices are continued to be displayed in all food shops requesting shoppers, in the interest of hygiene, not to bring dogs into the premises. These notices appear to be serving their purpose.

Food Hygiene Regulations 1955-56.—Extracts from the regulations were supplied to all the food shops in the area, and all are kept in a satisfactory condition.

There are 32 foodshops in the town made up as follows :—17 Grocery, 3 Confectionery, 6 Butchers, 3 Greengrocers, 3 Fishfriers.

In conclusion, I would like to put on record my thanks for the continued help and support of the Chairman and Members of the Public Health Committee.

SECTION F. Infectious Diseases.

During the year there were four notifications compared with seventy-four last year.

Measles.—During the year two cases were notified compared with seventy-two cases in 1955.

Erysipelas.—One case was notified during the year.

Meningococcal Meningitis.—During the year one case occurred and was removed to hospital. This case recovered.

TUBERCULOSIS

Public Health (Prevention of Tuberculosis) Regulations, 1925.—These regulations empower the Council to prevent persons suffering from Tuberculosis to engage in the milk trade. No action was taken during 1956.

No cases of Tuberculosis were notified during the year. Four cases were removed from the Register as a result of death from other causes and one case of Respiratory and one Non-Respiratory Tuberculosis removed to other districts.

The number of cases in the register at the end of 1956 was as follows :—

Respiratory			Non-Respiratory			<i>Grand</i>
<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Total</i>
9	9	18	—	—	—	18

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES (Other than Tuberculosis) 1956

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Measles	1	—	—	—	1	—	—	—	—	2
Erysipelas	—	—	—	—	—	—	—	—	1	—	1
Meningococcal Meningitis	—	—	—	—	—	1	—	—	—	—	1
TOTALS	1	—	—	—	—	2	—	—	1	—	4

AGE INCIDENCE OF NOTIFIABLE DISEASES (Other than Tuberculosis) 1956

Disease	0-	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65+	All Ages	Removed to Hospital	Deaths	Age Unknown
Measles	—	—	—	1	1	—	—	—	—	—	—	—	2	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Meningococcal Meningitis	1	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—
TOTAL	1	—	—	1	1	—	—	—	—	—	1	—	4	1	—	—

NEW CASES OF TUBERCULOSIS, 1956

Age Period	RESPIRATORY		NON-RESPIRATORY	
	Male	Female	Male	Female
0—	—	—	—	—
1—	—	—	—	—
5—	—	—	—	—
15—	—	—	—	—
25—	—	—	—	—
35—	—	—	—	—
45—	—	—	—	—
55—	—	—	—	—
65—	—	—	—	—
TOTALS	—	—	—	—

DEATHS FROM TUBERCULOSIS, 1956

Age Period	RESPIRATORY		NON-RESPIRATORY	
	Male	Female	Male	Female
0—	—	—	—	—
1—	—	—	—	—
5—	—	—	—	—
15—	—	—	—	—
25—	—	—	—	—
35—	—	—	—	—
45—	—	—	—	—
55—	—	—	—	—
65—	—	—	—	—
TOTALS	—	—	—	—

